
The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

Issue 384 - Apr 24, 1987

DXpedition News

Nicobar - VU4 Second-hand word from India continues to suggest that VU4NRO will fire up again for the first weeks in May, "But not 24 hours a day, as VU4APR operated." VU2GI reports that operating permission is in hand, but travel plans not yet confirmed. Propagation to that part of the world may be better this time; check 20 meters 0130-0300Z and 13-1600Z. Sunrise 2330Z, sunset 1200Z. [No IOTA number, yet.]

Nepal - 9N Three Japanese operators will activate 9N5ITU May 16-19, on 40-10 meters. SSB: 7043, 14198, 21208, and 28548. CW: 7008 and 28 kHz up. RTTY and FAX, too. QSL to op JH8RUZ. Other ops are JH8BKL and JO1AIA. Sunrise 2330Z, sunset 1300Z. Meanwhile Father Moran 9N1MM has been on 14180 and 14236 kHz at 0130Z.

Andorra - C3 Mac KV4AM and Pedro WY4A will operate as C30LEF June 20-July 15 on 80-10, including 10 and 24 MHz. Watch 12 and 32 kHz up and 10108 kHz on CW and 3595, 7095 and 14145 kHz on SSB. [WARC bands, General class freqs, and split operation. Love it! -ed.] QSL KV4AM. Sunrise 0420Z, sunset 1930Z. And some EAs will use the special call C33A from Andorra Aug 5-31.

Caymans - ZF Tom Frenaye K1KI will be ZF2KI on Grand Cayman (NA-16) May 1-7, and ZF2KI/9 on Cayman Brac May 8-15, concentrating on the CQ-M contest May 9-10. QSL to K1AR, John Dorr, 2 Baldwin St., Windham NH 03087 (1987 Callbook address is not correct.)

QSL News

As noted on the next page, the 3Y1EE-3Y2GV cards are out. N3II's card says his was the very first QSO with 3Y1EE.

W8UVZ asks if anyone has received any Franz Josef Land QSLs, from the extensive activity by RZ1OWA, UV100, and UA10T this past winter? By what route?

Islands On The Air

- **Portsmouth Is** - NA-67 IOTA chasers should catch WA4DAN May 2-3 from this North Carolina island. 2000Z May 2-1500Z May 3, especially on IOTA frequency of 14260 kHz, including IOTA net at 1300Z May 3. QSL Callbook address. [The latest IOTA list is available from The DX Bulletin for US\$3.]
- **Nisida Is** - IC8 EU-15 May 17 only. 7045/85, 14120/260, 21220 and 28520 on SSB; 30 kHz up on CW. Ops I8s WES XTX JOV IYW.
- **FO0QK** on Tahiti (OC-46) is Mike Qualls KI6DF, now through May 3. The French misread his request for FO0OK. [It's only one more dit, Mike. -ed.] QSL W6TM.
- **FT8WA** on Crozet (AF-08) is often on 7078 (listening 7208 kHz) at 0330-0400Z, sometimes without any takers.
- **BV2B** (AS-20) 20 CW 0030-0130Z.
- **RA0FA** on Sakalin Island (AS-18) is on 3648 Khz (listening 3777 kHz) daily at 0930-1030Z. Catch him on 14195 at 0030Z, too.
- **Saint Martin NA-22** W2JB and others will be /FS May 12-19, mostly on CW. (DXNS)

Shortly Noted

- **5A0A** usually listens up 1-5 kHz when on 15 meter SSB. He prefers 21260-65 kHz. Or on 20 try 14020 kHz around 1500Z. QSL SP6BZ.
- **BY0AA** in Zone 23 continues to haunt 14025 0030-0200Z daily. **BY9GA** is also often on at the same time, a few kHz up.
- **TY/3X0HSH** continues to hang out on 20 meter DX nets 21-2300Z.
- **TV7GLC** will be active May 1-June 30. QSL F6DLM. And **TV8DEC** is scheduled for May 16-24. QSL FF8DEC.
- **5N0WRE** Larry hangs out 21200-280 kHz 16-1730Z, and 14150-250 19-2130Z. He answers "CQ Africa" calls rather than running his own pileup. QSL K4JZQ with SASE, please.
- **9K2DX** was often on 20 SSB at 1700Z.
- **JX3YA** was a Slim. Don't QSL to K8PYD.

— Chod Harris VP2ML Editor

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PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
April		Date	Flux	A	K	Date	Flux	A	K
24	Low Nor	3/28	75	14/15	2	3/2	75	04/06	2
25	High Nor	3/29	76	06/08	2	3/3	73	07/11	2
26	High Nor	3/30	75	05/07	2	3/4	75	10/11	2
27	High Nor	3/31	72	08/09	2	3/5	74	10/19	3
28	Low Nor	4/1	73	10/16	2	3/6	77	07/13	2
29	High Nor	4/2	72	07/09	2	3/7	77	25/30	2
30	High Nor	4/3	72	01/05	0	3/8	78	18/15	3
May									
1	Low Nor	4/4	74	14/16	3	3/9	75	08/12	2
2	High/Low	4/5	78	11/14	3	3/10	72	12/16	4
3	High Nor	4/6	89	08/09	2	3/11	71	12/08	3

Thanks N4XX

and KH6BZF.

Propagation Watch

The bands continue to hum along! As expected, the burst in solar activity that pushed flux levels into three figures in early April tapered off quite rapidly. However, propagation has been very good even without major sunspot groups. 20 meters has been staying open into the wee hours of the morning, and long path openings are frequent and strong. Long-haul DX stations have been at their highest signal strengths in many months, and even 15 meters shows more than just north-south paths.

The big question is whether we can expect a repeat of these super conditions of April 6-13 when the sun rotates around again, May 4-11. Although bottom-of-the-cycle spots often don't last through more than one solar revolution (27.5 days), we are bound to get some better than average conditions that second week in May. Listen to WWV at 18 minutes after the hour, and tune the bands often. The CQ-M Russian contest might just possibly be a block-buster. Don't miss it!

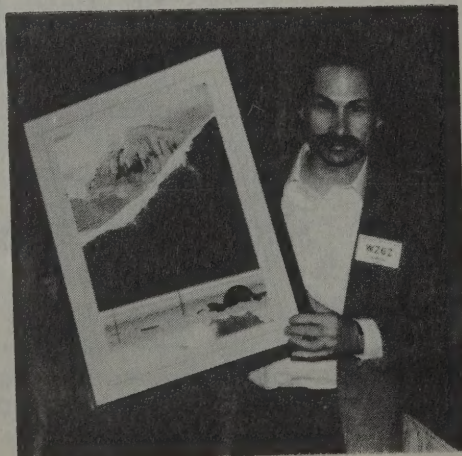
The smoothed sunspot number, based on a 13-month running average, for the month of September, 1986 was 13.9, down marginally from the August figure of 14.5. When will this index turn upward, signaling the advent of Cycle 22? Before the end of 1987, for sure, and maybe earlier! Think spots!

Peter I Island Photographs Available

The Northern California DX Foundation (NCDXF), which donated more than \$30,000 toward the highly successful Peter I Island DXpedition earlier this year, is now offering souvenir photographs of the 3Y1EE-3Y2GV operating position. The photographs are individually numbered and signed by the operators, and are limited to a maximum of 200 copies. The full-color photo is 13x19 inches, and is matted to a final size of 18x25" (You provide your own frame.)

The photos are not for sale at any price. They are available without charge only to DXers making a contribution of US\$150 or more to the NCDXF (Box 2368, Stanford CA 94305 USA.)

This offer is made possible by the very generous contribution of Howard Brainen W26Z, shown at right with the original photo.



BANDPASS

Reports Wanted,
Especially RTTY, 30 meters

RTTY	160 MTRS			
	9H1CG	1832	0341	2 MI
3G87PAX	14090 0040 7 OH	9L/DJ6QL	1827	0425 5 CO
3G87PAX	14083 0200 5 MO	CP8HD	1846	0415 5 MI
CE43GN	14090 2330 7 OH	CT1AO	1836	0548 3 MT
GW3YDX	14094 1945 12 OH	CT1AOZ	1829	0500 5 MI
HC1/	14093 0320 13 ND	KX6DS	1829	1115 4 MI
TI6BJU		LU5HJD	1836	0320 3 MI
HC5KA	14095 1250 12 OH	ON4UN	1832	0520 3 MT
HI8BG	14091 1950 11 ND	ON4UN	1832	0210 4 MI
JA1BWA	14084 2146 10 ND	P29PR	1828	1256 4 CO
OH2LU	14095 1605 11 OH	PT7BZ	1827	0310 3 MI
OZ3BU	14096 2100 12 OH	TI1T	1828	0315 3 MI
OZ3BU	14098 2140 10 ND	UA6HOF	1830	0219 2 MI
PP8OH	21091 1605 12 OH	VK5BC	1824	1110 8 MI
PT7CB	14095 2333 6 OH	VK9LM	1833	1122 31 MI
SP9FPF	14095 1830 12 ND	ZP5JCY	1846	0340 5 MI
SV5TS	21092 1510 12 OH	80 MTRS		
VK4BBS P	14107 1315 10 ND	4U1ITU	3794	0009 17 MA
WP4C	14084 2330 7 OH	EA6/G6ZY	3501	0525 4 MO
XE1JP	14088 0017 7 OH	FP/	3794	0436 5 MA
XE3ABC	14094 2330 7 OH	KA1CRP		
Y21RO	14099 2140 10 ND	FP/	3777	0316 7 WI
YB5NOF	14087 1500 10 ND	KA1CRP		

(Bandpass continued on next page.)

Golden Jubilee Honor Roll

Call	100th QSO	Best DX
5N0WRE	31 MAR 1607Z	VK0 BY VU4 JW JT A4 4S JD 5A
ZS6AEV	3 APR 1222Z	VP2ML 5A0A 3Y VK0 VU4 3A
NO9H	9 APR C3 KH3 ZK3 3Y 7P 5N 9H 9K 9Q KX6	
WB6MQZ	11 APR 24 all-time news ones	
KI6BU	14 APR 1357Z	9M2 4X UM8 FP UR2 A3 ZD7

Comments from readers: "This award certainly has the bands hopping. More ideas like this need to be encouraged." -5N0WRE. "Just had a ball!" -NO9H. "It was a lot of fun, and a lot of hard work, with only a vertical." -KI6BU. "Worked 56 new band countries as well as 24 all-time news ones. What a blast!" -WB6MQZ. (Any more takers? Contact The DX Bulletin.)

Band Country Totals

In recognition of the value to DX of adding band countries totals to the DXCC program, The DX Bulletin offers the following current DXCC country totals from some TDXB readers:

Call	160M	80M	40M	20M	15M	10M TOTAL
N4KG	160	269	293	313	302	294 1631
K2FL	104	252	296	343	318	311 1624
K1MM	178	260	285	309	298	281 1611
K1MEM	176	235	273	308	290	260 1542
W1NG	103	256	259	314	290	269 1491
W1JR	150	219	262	317	277	254 1479
W3AP	170	195	253	315	286	251 1470
W3GG	120	205	269	312	281	250 1437
W3CV	138	213	240	332	271	140 1404
W1AX	112	182	256	315	262	229 1356
VE7DX		180	219	302	192	131 1024
KR1G	21	175	164	195	200	179 934

What are your totals? Send them to The DX Bulletin. Do you think that the 18 and 25 MHz band totals should be included? The DX Bulletin does.

Peter I QSLs Cards Out

The LA DX Group followed their very well organized Peter I DXpedition with superb QSL service. The attractive cards are already in the mail, thanks to the assistance of more than 15 club members. [Meanwhile the OH0MD/OJ0 cards from July are still not out. OH2BH should get on the stick. -ed.]

FT8WA	3790	1450	2	CO	6W2EX	14160	2224	13	MT	*Tell your DX contacts that you saw their callsign in The DX Bulletin.*									
JA 1HQT	3503	0945	11	NH	7J1ACH	14030	2338	11	NY	KH3/ KL7LF	14225	2355	5	MD	UL7YAV	14020	0211	11	MT
JD1YAA	3795	1350	2	CO	7X2LS	14183	1935	14	CA										
OA4JR	3503	0530	4	MO	9K2DX	14216	1715	11	CA	KH3/ KL7LF	14190	0305	5	MO	UL7YAV	14027	0300	8	OR
OY9JD	3799	0107	13	MA	9K2DX	14186	1740	12	MT										
RAOFA	3504	1245	4	CO	9K2DX	14192	1700	15	CA	KP5/ WD5BJT	14227	2058	17	CA	UL8LWO	14035	1359	12	IL
UA9AEH	3503	0020	11	NH	9L1GG	14010	2342	13	MT										
UA9CT	3503	2355	10	NH	9L1GG	14013	2329	10	GA	KX6AZ	14226	2335	9	NY	UM8MBA	14016	0212	13	MN
UA9WS	3503	0015	11	NH	9L1IS	14160	2222	12	MT										
VK3ZP	3510	1040	7	NH	9L3LS	14160	0227	10	MT	OX3KD	14003	0145	6	GA	UM8MGO	14034	1420	2	CO
YN3CC	3503	0459	3	MT	9L3LS	14160	2225	8	CA										
YS1GMV	3796	0430	5	CO	9M2CW	14171	1515	10	CA	OX30B	14009	0024	9	MN	UM8MO	14020	0230	12	MT
ZL3NA	3504	1020	7	NH	9M2FZ	14175	1500	10	CA										
40 MTRS					9M2GH	14185	1500	10	CA	P29FG	14195	0322	10	MD	U200WD	14026	0151	6	GA
3B8CF	7003	0225	5	MO	9M2JA	14193	1520	15	CA										
3B8CF *	7003	1445	4	MT	9M6MO	14211	1537	14	CA	RAOFA	14194	0038	13	MA	U22FWA	14222	1850	10	CA
3V8AA	7006	1350	9	MT	9M8PV	14178	1510	15	CA										
4X6KF	7001	0205	4	MO	9N1MM	14236	0106	16	MA	RH8AJ	14034	0235	10	CA	V85SB	14215	1540	10	OR
7Q7LW	7003	0355	5	MO	9N1MM	14181	0124	4	MD										
7Q7LW	7004	0400	5	CO	9N1MM	14180	0125	3	CO	RI8AA	14017	0311	8	OR	VK0DA	14220	1217	9	MD
9V1VS	7005	1530	10	OR	9N1MM	14237	0120	10	CA										
EA6/G6ZY	7002	0550	4	MO	9N1MM	14236	0114	10	CA	RV0YF	14026	0052	8	GA	VK0GC	14309	0324	10	MA
FG5BM	7001	0334	3	MT	9Q5NW	14179	2200	12	MT										
FK0AW	7006	0635	7	CA	A4XR	14219	1624	9	CA	S92LB	14183	2125	8	MA	VK9NL	14173	1220	11	OH
FK8DD	7004	1221	6	MT	A61AB	14226	1535	2	MD										
FP/	7199	2334	7	WI	A61AB	14226	1522	8	CA	ST2/	14160	1915	4	MO	VP2MDY	14064	1155	9	GA
KA1CRP					A71BK	14237	1747	5	MD										
FT8WA	7078	0338	8	WI	A71BK	14203	1855	10	CA	ON7IP	14226	2316	6	MD	VU2CK	14186	0143	10	MD
HP1XOR	7014	0336	3	MT	AP2AU	14192	0230	11	MD										
JA5DQH	7006	1050	7	OH	AP2MQ	14189	0225	12	MD	SV0DH/5	14152	2005	4	MD	VU2DDT	14184	1415	3	CA
KH6AFS	7026	0440	11	GA	AP2SQ	14172	1643	7	NY										
KL7PJ	7016	0531	11	GA	AP2SQ	14197	1619	4	MD	SV0DK	14183	2030	10	CA	VU2GI	14226	1520	14	CA
LZ2LA	7003	0250	9	ID	BV2B	14004	0137	6	GA										
P29PL	7000	0945	18	CA	BV2B	14012	0044	11	MN	SV8RX	14184	2132	6	MA	VU2RBI	14205	1532	15	CA
RB5MA *	7004	1450	4	MT	BY4RB	14024	0022	4	OH										
UA4PNV *	7003	1412	8	ID	BY5RA	14180	0231	8	MD	T32BF	14195	0400	4	MT	VU2TTC	14000	1615	10	OR
UV9FM	7003	0205	4	MO	BY8AC	14025	0123	4	OH										
UZ0KWC	7012	0503	11	GA	C53FH	14163	2158	6	MA	T32BF	14178	0345	9	CA	VU2VS	14204	1633	10	CA
UZ9FWW *	7005	1415	8	ID	CN5SE	14238	2053	3	MD										
V85AA	7001	1418	3	MT	CN8MD	14160	2050	8	CA	TA0Q	14038	2023	12	MN	XF3/XE1X	14022	0040	9	GA
VK0DA	7075	1410	2	CO	CY0SAB	14199	1350	11	OH										
VK0ML	7009	1032	9	GA	EA6DI	14047	2032	6	OH	TF1PA	14013	0045	7	OH	YI1BGD	14206	0510	14	CA
VP8BNO	7009	0350	11	GA	EA9NN	14160	2107	8	CA										
VU2TEC	7007	1215	9	MT	FK8FF	14219	0339	7	WI	TF1PS	14012	0016	7	MA	YN3CC	14024	0050	8	GA
ZD8CW	7004	0713	8	OR	FK8FL	14215	0330	13	MN										
ZL1ANR	7016	1045	10	OH	FK8FU	14230	0335	5	MO	TR8JLD	14161	2026	9	CA	ZC4AK	14183	1835	2	CO
ZL7TZ	7013	0922	18	CA	FO0BRM	14180	1645	10	CA										
ZS3/ZS6K	7006	0552	7	CA	FO0BRM	14003	0540	11	MT	TR8SA	14167	2259	9	WI	ZC4AP	14190	1958	4	MD
20 MTRS					FO0QK	14185	0254	12	MD										
3C1MB	14235	2015	4	MO	FP/	14215	1400	3	MD	TU4CG	14201	2349	8	CA	ZK1DD	14066	0412	13	IL
3C1MB	14236	2257	5	CO	KA1CRP														
3D2ER	14015	0525	5	MO	FR4DN	14198	0332	10	MD	TY/	14160	2200	11	NY	ZK3PM	14300	0231	9	NY
4KOD	14018	0057	4	MT	FR4DN *	14198	0318	10	CA										
4S7DA	14213	1538	18	CA	FR5ZU/E	14183	1846	6	NY	3X0HSH	14160	2117	11	MN	ZL7AA	14198	0232	10	MT
4S7NMR	14183	1830	8	MA	GD4RAG	14054	1517	5	MT										
4S7RO	14163	1817	12	MT	GD5UG	14005	1555	11	CA	TY/	14236	2230	5	CO	15 MTRS	21022	2226	10	CA
4S7RO	14162	1913	12	MN	GJ2LU	14171	1240	12	OH										
4U1ITU	14212	2158	12	MA	H44RO	14309	0318	9	MA	3X/TU2QU	14160	2117	11	MN	4X4HQ	21228	1553	11	MD
4U1ITU	14212	2001	12	MT	H44RO	14215	0315	5	MA										
5A0A	14020	1450	4	CO	HB0CZS	14001	2138	10	GA	UA10DX	14014	0219	6	GA	5A0A	21260	1816	9	CO
5A0A	14030	1800	4	OH	HL0Y	14025	0044	7	WI										
5B4LP	14176	2022	8	CA	HL1LW	14010	0059	1	MA	UA9FF	14004	1515	12	ID	5A0A	21265	1846	10	WI
5B4SA	14176	2000	8	CA	HL9MM	14200	0245	10	MT										
5LORL	14167	2120	10	MA	HV3SJ	14213	2159	12	MA	UA9UFB	14033	0120	7	OH	6W6JX	21229	1445	9	NY
5V7SA	14165	2121	11	MN	J88AQ	14167	2330	6	OH										
5X5GK	14175	1752	12	MT	J88AQ	14165	2135	10	CA	UA9YE	14195	0110	16	MA	9H1HB	21262	1355	11	OH
5X5GK	14175	1923	11	IL	J88BS	14243	0118	10	CA										
5X5GK	14183	1850	8	CA	JY5DK	14181	1646	3	MD	UI8AG	14005	1515	18	CA	9H1J	21238	1628	10	MD
5Z4JB	14160	2119	11	MN	JY7ZZ	14210	1425	12	CO										
5Z4TA	14196	2030	6	CA	KC4AAC	14310	0226	12	MD	UI8AWI	14030	1410	12	IL	9M2CS	21250	0023	11	CA
										UI8FWA	14019	0140	8	OR	CP8HD	21250	1638	12	NY
										UI8UWA	14020	0300	10	OR	KG4XO	21279	2235	10	CA
										Oblast 099	14048	1153	9	GA	KP5/	21313	1414	18	CA
										UC1AXC	14048	1153	9	GA	NP4TB	21269	2319	10	CA
										UD6DJ	14199	1928	12	IL	OD5SM	21291	1402	11	MA
										UI8AG	14005	1515	18	CA	T77C	21292	1550	11	OH
										UI8AWI	14030	1410	12	IL	T77M	21201	1322	11	MD
										UI8FWA	14019	0140	8	OR	TI2JJP	21256	2310	13	CA
										UI8UWA	14020	0300	10	OR	TL8CK	21275	2116	16	CA
										Oblast 055	14035	1509	12	MA	VR6IR	21295	2000	10	NY
										10 MTRS	38485	2100	13	CA	XE2ADY	21280	0245	10	CA
										ZL1BIJ	21310	0202	14	CA					

The DX Bulletin

816 Fourth Street, Suite 1001
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U.S.A.

CALENDAR

Issue 384 - Apr 24, 1987

(Changes and hot info in boldface.)

Aland Is - OH0	DLs Apr 17-25	I381
Amsterdam - FT	FT8ZA 7022 1630Z	I380
Andorra - C3	C30LEF Jun 20-Jul 15	I384
	C33A August 5-31	I384
Aruba - P4	P45AR April 24-May 2	I383
Bahamas - C6	DK6NN/C6 'til May 18	I383
Barbados - 8P	N4TX et al CQWW SSB	I382
Benin - TY	3X0HSH/TY 14160 kHz	I382
Brunei - V8	V85AA 40 CW 14-1600Z	I378
Caymans - ZF	ZF2KI+9 May 1-15	I384
Chad - TT	N4NW late April?	I383
Chatham - ZL7	ZD7DE 7008 often	I378
	and 3506 at 1400Z	I379
Christmas - T32	T32BF 14178 02Z	I380
China - BY	14025-30 0030-0200Z	I378
Crozet - FT8W	FT8WA 7078 0330Z	I384
Easter Is - CE0	CE0FFD 21030 1800Z	I379
Europa - FR/E	FR5ZU/E now in nets	I383
Franz Josef Land	UA10DX now active	I380
Guantanamo KG4	KG4GX Apr 28-May 5	I382
India - VU	0130-0230 20/40M + 1200Z	
Kampuchea - XU	XU1SS 7088 at 0100z	I376
Kenya - 5Z	5Z4ET 21297 1830Z	I382
Libya - 5A	5A0A 20CW at 1500Z	I382
	21260 SSB 18-1900Z	I383
Macquarie - VK0	VK0GC 80/40 SSB >07Z	I383
Malawi - 7Q7	7Q7LW 7005 0400Z	I372
Mali - TZ	TZ6VV 18-2200Z	I382
Mauritius - 3B8	3B8CF 3507 01-0200Z	I374
Mellish - VK0	VK0MW August	I367
Nepal - 9N	9N5ITU May 16-19	I384
	9N1MM 14236 at 0130Z	I384
Nicobar VU4	VU4NRO early May?	I383
Nigeria - 5N	5N0WRE 15/20 SSB	I384
North Yemen - 4W	4W1AA by N5GJL ??	I382
Oblast 002	UD6DCD/UD2N May 2-40	I383
Pitcairn - VR6	VR6TC now back on	I383
Russians - U/R	Lots 0200, 1500Z	I383
St. Barts - FJ	New F prefix Mar 13	I379

St. Pierre - FP	K1RH mid-June	I380
Sierra Leone 9L	9L1GG now on CW	I383
S. Shetlands	4K1F 40 CW	I383
Sri Lanka - 4S	4S7RO 7006 1200-1230Z	
Sudan - ST	by PA0GAM soon?	I367
Svalbard - JW	SP5EXA/JW June-Aug	I374
Tahiti - FO	F00QK Now-May 3	I382
Taiwan - BV	BV2B 20 CW 0030-0130	I384
Tanzania - 5H	5H3ZR 14001 20-2100Z	I380
Thailand - HS	HS0A in contests, HS0B	
	on weekends	I377
Tokelau - ZK3	ZK3PM 14309 0200Z	I382
Tromelin - FR/T	by FR5ZU soon?	I382
Unied Arab Em	A61AB in 'PHOs net	I383
Zaire - 9Q5	9Q5KI 20 CW 1900Z+	I375
	7003 at 2300Z	I376
Zone 23	BY0AA 14024 0030-0130	

DX Activities and Contests

Date	Event or Activity	Info
April 24-26	Dayton Hamvention	
	The DX Bulletin will see you there!	
May 9-10	CQ M Russian contest	K1KI
May 16-17	World Telecommunications	CQ
May 30-31	WPX CW	CQ
June 13-14	South American CW Test	CQ
June 19-21	Friedrichshafen, West Germany	
	Europe's Dayton!	

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